

## Radio communicator

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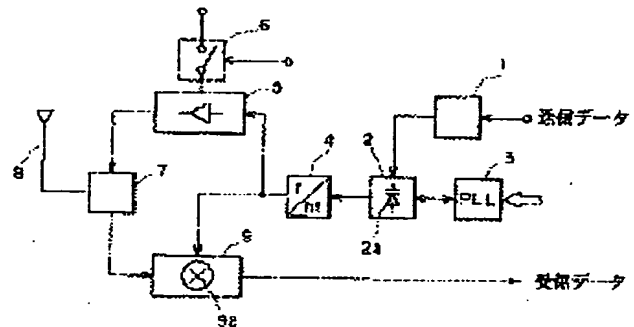
Abstract not available for CN1499725

Abstract of corresponding document: JP2004159207

**<P>PROBLEM TO BE SOLVED:** To prevent an oscillation frequency of a voltage controlled oscillation circuit from being varied even if it is switched from a blind time slot to a transmitting time slot.

**<P>SOLUTION:** The device comprises a transmitting circuit 5 for transmitting at a predetermined transmitting slot, and a voltage controlled oscillation circuit 2 for conducting direct FM modulation for an oscillation signal with modulated data while its oscillation frequency is controlled by a PLL circuit 3. As for the transmitting circuit 5 during the transmitting slot, a power supply voltage is stopped it during a blind time slot period when the voltage controlled oscillation circuit 2 is locked by the PLL circuit 3, and the power supply voltage is supplied during a transmitting time slot period, following the blind time slot, when the voltage controlled oscillation circuit 2 is lock-released by the PLL circuit 3. In addition, a DC level of modulated data in the transmitting time slot period is set higher or lower than the one in the blind time slot.

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